

**Monthly Progress Report #50**  
**August 2008**

**Falcon Refinery Superfund Site**  
**Ingleside**  
**San Patricio County, Texas**  
**TXD 086 278 058**

**Prepared for**

**National Oil and Recovery Corporation**  
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**September 10, 2008**

**Prepared by**

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## **1.0 INTRODUCTION**

This fiftieth Monthly Progress Report is submitted in accordance with the Falcon Refinery Site Administrative Orders on Consent for Removal Action and Remedial Investigation / Feasibility Study between the U.S. Environmental Protection Agency (U.S. EPA) and National Oil Recovery Corporation (NORCO).

This Monthly Progress Report and subsequent reports will address activities associated with both of the orders.

The next monthly progress report, covering September, 2008 will be submitted on or before October 10, 2008.

## **2.0 COMPLETED ACTIVITIES**

### **2.1 Removal Action Activities**

During the month of August 331,248 gallons of waste was removed from Tanks 27, 10 and 7 and disposed of at the Texas Molecular deep well injection well. To date a total of approximately 7,706,798 gallons of hazardous waste have been removed from all of the above ground tanks and disposed via deep well injection at Texas Molecular.

Prior to the beginning of liquid waste disposal in October 2004, the volume of waste in the above ground storage tanks was measured at 6,844,094 gallons. Apparently due to holes in the tops of the tanks the volume of waste has increased due to rainfall, since more waste has been disposed of than was originally measured.

Original waste manifests are available at the Kleinfelder office in Austin. A compilation of hazardous liquid waste disposal is included as Table 1.

The manways have been removed from Tanks 26 and 27 and both tanks have approximately 16-inches of sludge. Tanks 10 and 7 contain only oily waste and sludge, however the top of the oily waste is below the bottom of the manway and as a result the manways have not been removed. NORCO obtained bids to remove and properly dispose of the oily waste and sludge and selected Gainco to remove and dispose of the sludge by initially separating the liquid from the solid. Clear liquid will be disposed at Texas Molecular and the sludge and solids will be solidified at an approved facility. The EPA will be notified prior to any disposal of the oily waste and sludge.

Hoses used to remove the liquid waste will be transferred to Tank 30.

### **2.2 Remedial Investigation / Feasibility Study (RI/FS)**

A screening level report of the analytical data from Phase I of the RI/FS Field Sampling Plan was submitted to the EPA and federal and state trustees during August. The screening analysis, data tables and maps are being reviewed.

### **3.0 CHANGES MADE IN THE PLANS DURING THE REPORTING PERIOD**

A screening level assessment was not included in the RI/FS work plan.

### **4.0 COMMUNITY RELATIONS**

The EPA has developed a web site to display information about the Removal Action and RI/FS activities. Information can be found by going to [www.epaosc.net](http://www.epaosc.net) and selecting web sites, then Region 6 and then the Falcon Refinery Site.

### **5.0 CHANGES IN PERSONNEL DURING THE REPORTING PERIOD**

Loren Raun, Ph.D performed the screening level assessment of the Phase I analytical data and will be involved in the Human Health and Ecological Risk Assessments.

### **6.0 LIST OF PROJECTED WORK FOR THE NEXT TWO MONTHS**

#### **6.1 Removal Action Work projected for the next two months includes:**

- Separation and removal of waste from Tank 27;
- Disposal of any non-oily waste at Texas Molecular; and
- Continued site maintenance

#### **6.2 RI/FS Work projected for the next two months includes:**

- Reviewing comments to the screening level report; and
- Development of the Baseline Human Health Risk Assessment and the Screening Level Ecological Risk Assessment.

### **7.0 LABORATORY / MONITORING DATA**

Results of the Phase I RI/FS sampling were initially provided to the EPA during March 2008.

## TABLES

**Table 1**  
**Hazardous Liquid Waste Disposal**

| DISPOSAL FACILITY   | ADDRESS                               | PHONE NO.    | EPA ID NO.   | CONTACT          |
|---|---------------------------------------|--------------|--------------|------------------|
| Texas Molecular Corpus Christi Services, LP                           | 6901 Greenwood Dr. Corpus Christi, TX | 361-852-8284 | TXR000001016 | Robert Rodriguez |
| RQ, HAZARDOUS WASTE LIQUID N.O.S., 9 , UN3082, III (D007, D008, D018) |                                       |              |              |                  |
|   | Month                                 | Volume (gal) |              |                  |
|   | October-04                            | 53,832       |              |                  |
|   | November-04                           | 734,763      |              |                  |
|   | December-04                           | 879,158      |              |                  |
|   | January-05                            | 783,881      |              |                  |
|   | February-05                           | 551,444      |              |                  |
|   | March-05                              | 565,489      |              |                  |
|   | April-05                              | 445,107      |              |                  |
|   | May-05                                | 471,311      |              |                  |
|   | December-05                           | 42,550       |              |                  |
|   | January-06                            | 58,740       |              |                  |
|   | February-06                           | 59,140       |              |                  |
|   | March-06                              | 0            |              |                  |
|   | April-06                              | 29,371       |              |                  |
|   | May-06                                | 59,018       |              |                  |
|   | June-06                               | 97,151       |              |                  |
|   | July-06                               | 118,743      |              |                  |
|   | August-06                             | 148,509      |              |                  |
|   | September-06                          | 109,908      |              |                  |
|   | October-06                            | 86,665       |              |                  |
|   | November-06                           | 140,498      |              |                  |
|   | December-06                           | 85,813       |              |                  |
|   | January-07                            | 118,541      |              |                  |
|   | February-07                           | 107,985      |              |                  |
|   | March-07                              | 152,493      |              |                  |
|   | April-07                              | 121,588      |              |                  |
|   | May-07                                | 150,368      |              |                  |
|   | June-07                               | 87,900       |              |                  |
|   | July-07                               | 143,485      |              |                  |
|   | August-07                             | 94,727       |              |                  |
|   | September-07                          | 0            |              |                  |
|   | October-07                            | 50,298       |              |                  |
|   | November-07                           | 151,227      |              |                  |
|   | December-07                           | 112,285      |              |                  |
|   | January-08                            | 119,353      |              |                  |
|   | February-08                           | 88,777       |              |                  |
|   | March-08                              | 60,913       |              |                  |
|   | April-08                              | 18,695       |              |                  |
|   | May-08                                | 25,349       |              |                  |

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|              |                  |
|--------------|------------------|
| June-08      | 0                |
| July-08      | 250,475          |
| August-08    | 331,248          |
| <b>Total</b> | <b>7,706,798</b> |

**Table 2**  
**Metal Disposal**

| DISPOSAL FACILITY        | ADDRESS                             | PHONE NO.    | EPA ID NO. | CONTACT |
|--------------------------|-------------------------------------|--------------|------------|---------|
| Commercial Metal Company | 4614 Agnes St<br>Corpus Christi, TX | 361-884-4071 | None       | David   |

**RECYCLED METAL**

|              |                     |
|--------------|---------------------|
| <b>Month</b> | <b>Volume (lbs)</b> |
| October-04   | 0                   |
| November-04  | 16,820              |
| December-04  | 19,640              |
| January-05   | 31,380              |
| February-05  | 0                   |
| <b>Total</b> | <b>67,840</b>       |

**FIRE EXTINGUISHERS**

|              |                 |
|--------------|-----------------|
| <b>Month</b> | <b>Quantity</b> |
| December-04  | 10              |
| <b>Total</b> | <b>10</b>       |

Industrial Fire & Safety Co. removed 10 fire extinguishers from the job site.  
The powder was disposed of properly and the metal went to salvage.

**Table 3**  
**Contaminated Soil and Oily Debris Disposal**

| DISPOSAL FACILITY       | ADDRESS                      | PHONE NO.    | EPA ID NO.   | CONTACT        |
|-------------------------|------------------------------|--------------|--------------|----------------|
| U.S. Ecology Texas L.P. | P.O. Box 307<br>Robstown, TX | 361-387-3518 | TXD069452340 | Glenda Felkner |

**PETROLEUM CONTAMINATED SOIL AND OILY DEBRIS**

|              |                    |
|--------------|--------------------|
| <b>Month</b> | <b>Volume (cy)</b> |
| October-04   | 0                  |
| November-04  | 0                  |
| December-04  | 40                 |
| January-05   | 0                  |
| February-05  | 0                  |
| <b>Total</b> | <b>40</b>          |

**RQ, HAZARDOUS WASTE SOLID, N.O.S., LEAD, 9 NA3077, PGIII (OILY SLUDGE AND SOIL)**

| Month        | Volume (cy) |
|--------------|-------------|
| February-05  | 15          |
| <b>Total</b> | <b>15</b>   |

**Table 4  
Oil and Filter Disposal**

| DISPOSAL FACILITY                              | ADDRESS                                 | PHONE NO.    | EPA ID NO.   | CONTACT          |
|--|---|--------------|--------------|------------------|
| Texas Molecular Corpus<br>Christi Services, LP | 6901 Greenwood Dr<br>Corpus Christi, TX | 361-852-8284 | TXR000001016 | Robert Rodriguez |

**RECYLCED OIL AND FILTERS**

| Month        | Volume (gal) |
|--------------|--------------|
| January-05   | 403          |
| February-05  | 0            |
| <b>Total</b> | <b>403</b>   |

| DISPOSAL FACILITY                       | ADDRESS                         | PHONE NO.    | EPA ID NO.   | CONTACT     |
|---|---------------------------------|--------------|--------------|-------------|
| Midstate Environmental<br>Services, LLC | 2203 Tower Road<br>Robstown, TX | 361-387-2171 | TXR000051227 | Lloyd Cooke |

**RECYLCED OIL AND FILTERS**

| Month        | Volume (gal)  |
|--------------|---------------|
| January-05   | 16,651        |
| February-05  | 0             |
| <b>Total</b> | <b>16,651</b> |